

Farzad Hamdi

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Role of Deformation Twinning in Work Hardening Behavior of Face-Centered-Cubic Polycrystals. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 294-303.	2.2	69
2	Influence of stacking fault energy and short-range ordering on dynamic recovery and work hardening behavior of copper alloys. Scripta Materialia, 2010, 62, 693-696.	5.2	51
3	Constructing artificial respiratory chain in polymer compartments: Insights into the interplay between bo ₃ oxidase and the membrane. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15006-15017.	7.1	37
4	Integrative structure of a 10-megadalton eukaryotic pyruvate dehydrogenase complex from native cell extracts. Cell Reports, 2021, 34, 108727.	6.4	36
5	Cryo-EM and artificial intelligence visualize endogenous protein community members. Structure, 2022, 30, 575-589.e6.	3.3	31
6	Cryo-EM snapshots of a native lysate provide structural insights into a metabolon-embedded transacetylase reaction. Nature Communications, 2021, 12, 6933.	12.8	26
7	En route to dynamic life processes by SNARE-mediated fusion of polymer and hybrid membranes. Nature Communications, 2021, 12, 4972.	12.8	21
8	Increased efficiency of charge-mediated fusion in polymer/lipid hybrid membranes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122468119.	7.1	13
9	Solubilization of artificial mitochondrial membranes by amphiphilic copolymers of different charge. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183725.	2.6	10
10	2.7 Å... cryo-EM structure of vitrified M. musculus H-chain apoferritin from a compact 200 keV cryo-microscope. PLoS ONE, 2020, 15, e0232540.	2.5	9
11	Enhanced optical imaging properties of lipid nanocapsules as vehicles for fluorescent conjugated polymers. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 297-308.	4.3	8
12	Investigating bolalipids as solubilizing agents for poorly soluble drugs: Effects of alkyl chain length on solubilization and cytotoxicity. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112369.	5.0	4
13	Filling the Gap with Long <i>n</i> -Alkanes: Incorporation of C20 and C30 into Phospholipid Membranes. Langmuir, 2022, 38, 8595-8606.	3.5	2